

*FIG. 1*

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STATION	EQUALIZER PRE-TRAIN VALUE	TIMING RECOVERY PRE-TRAIN VALUE	AGC PRE-TRAIN VALUE	CORE CONTROLLER PRE-TRAIN VALUE
1234	7	90,215	5 dB	2.2
4321	—	—	4 dB	—
	• • •			

FIG. 2

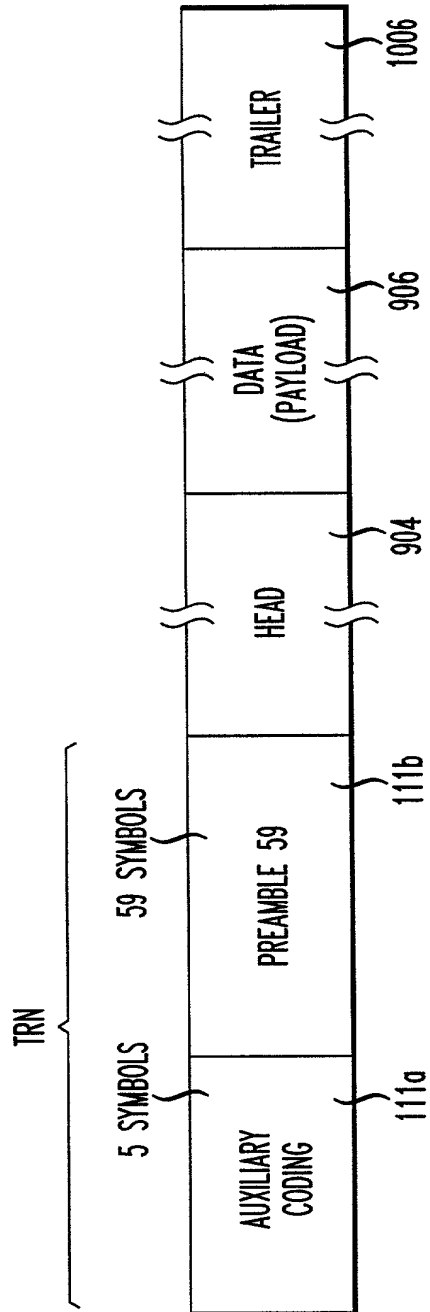


FIG. 3

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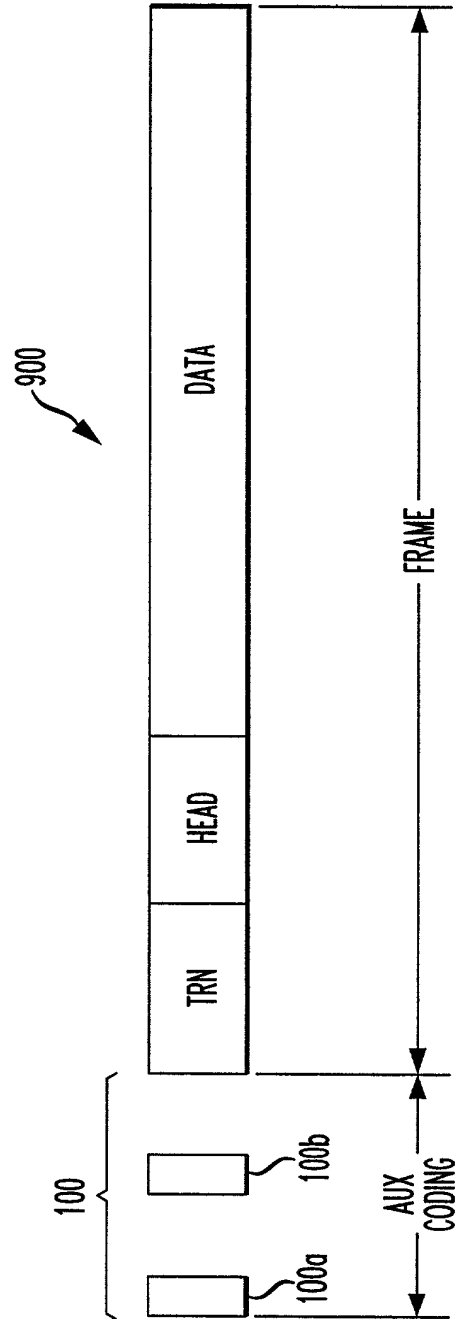


FIG. 4

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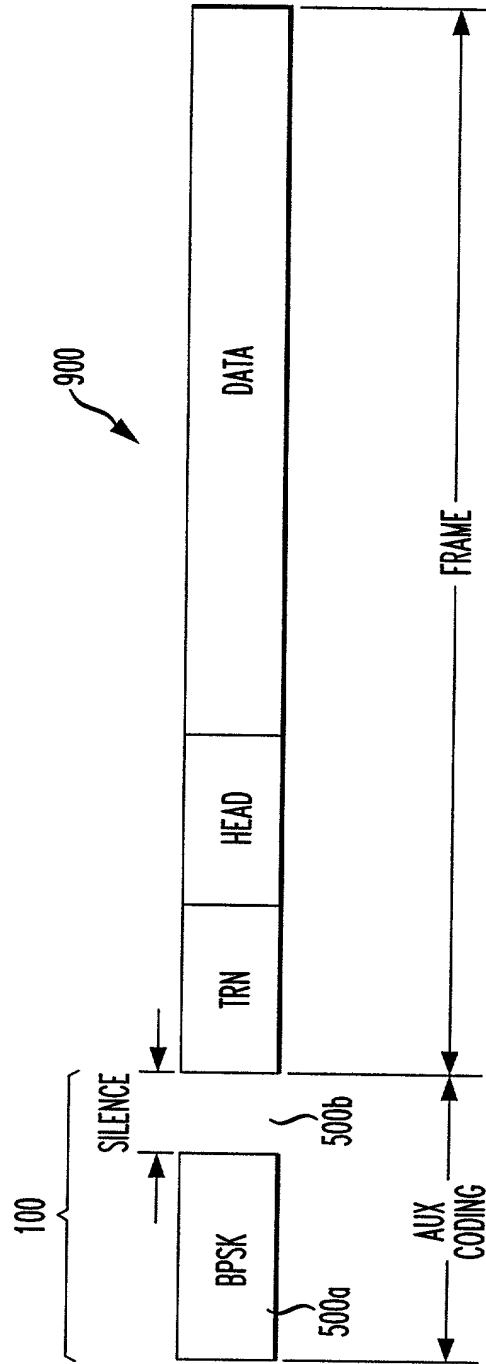


FIG. 5

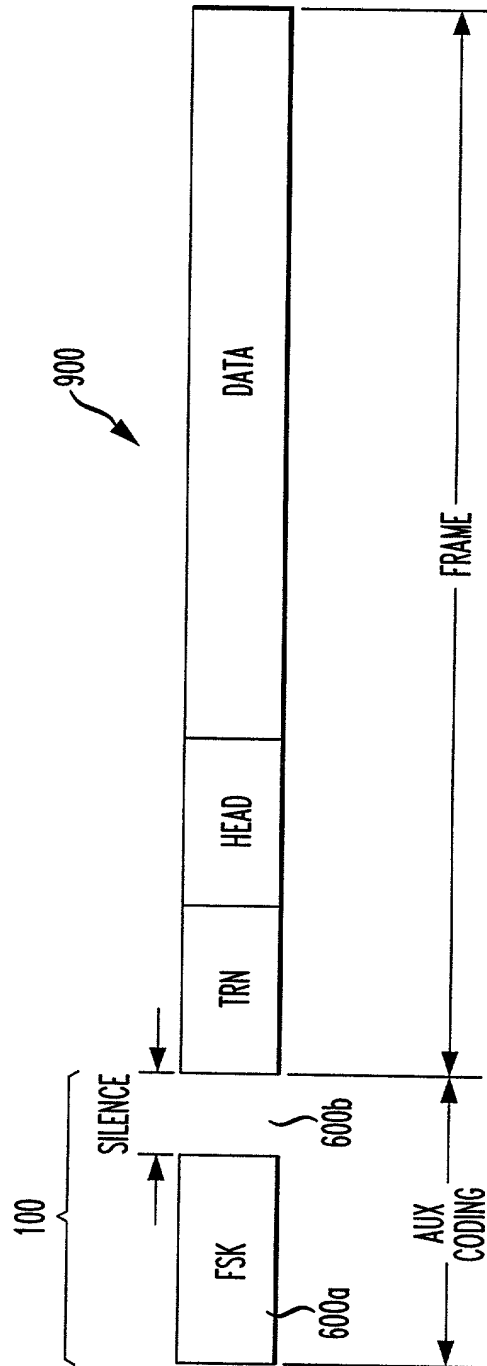


FIG. 6

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FIG. 7A

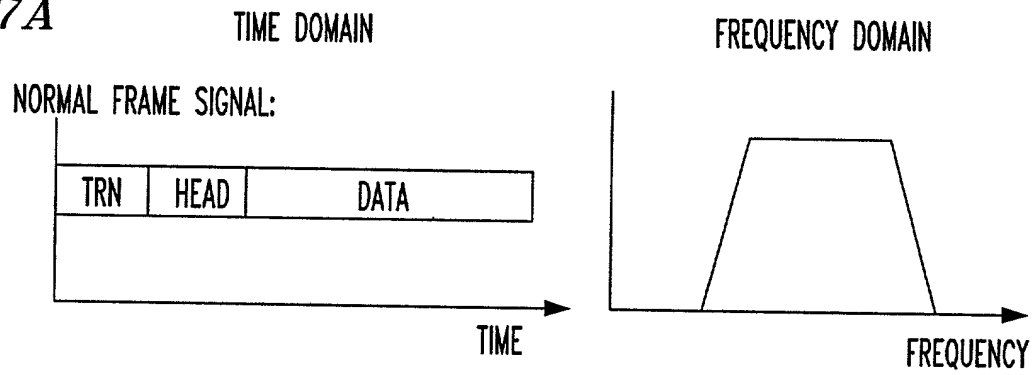


FIG. 7B

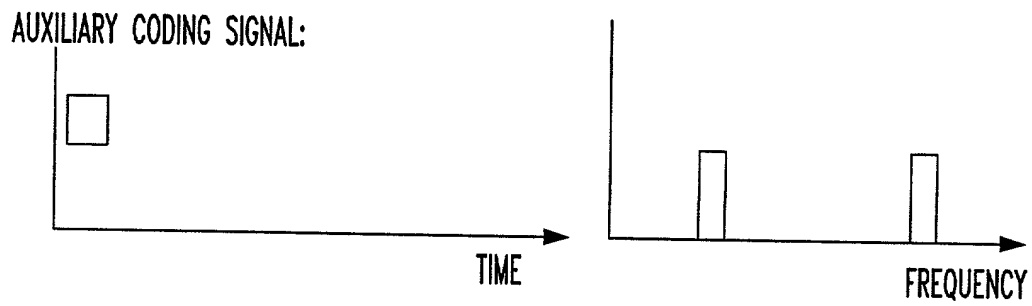
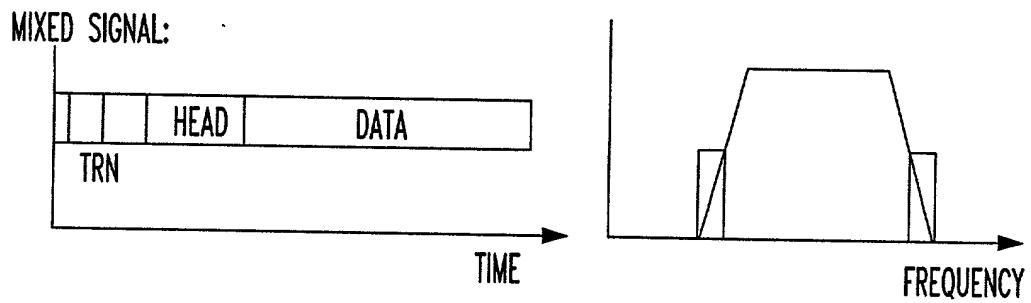
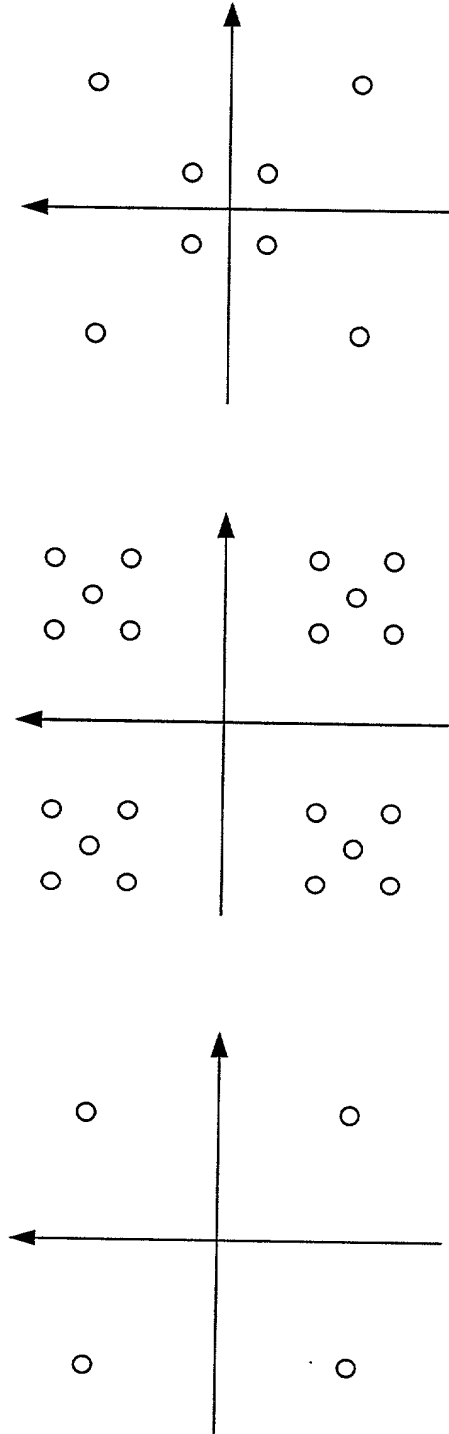


FIG. 7C



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CODING  
EXAMPLE 3

CODING  
EXAMPLE 2

CODING  
EXAMPLE 1

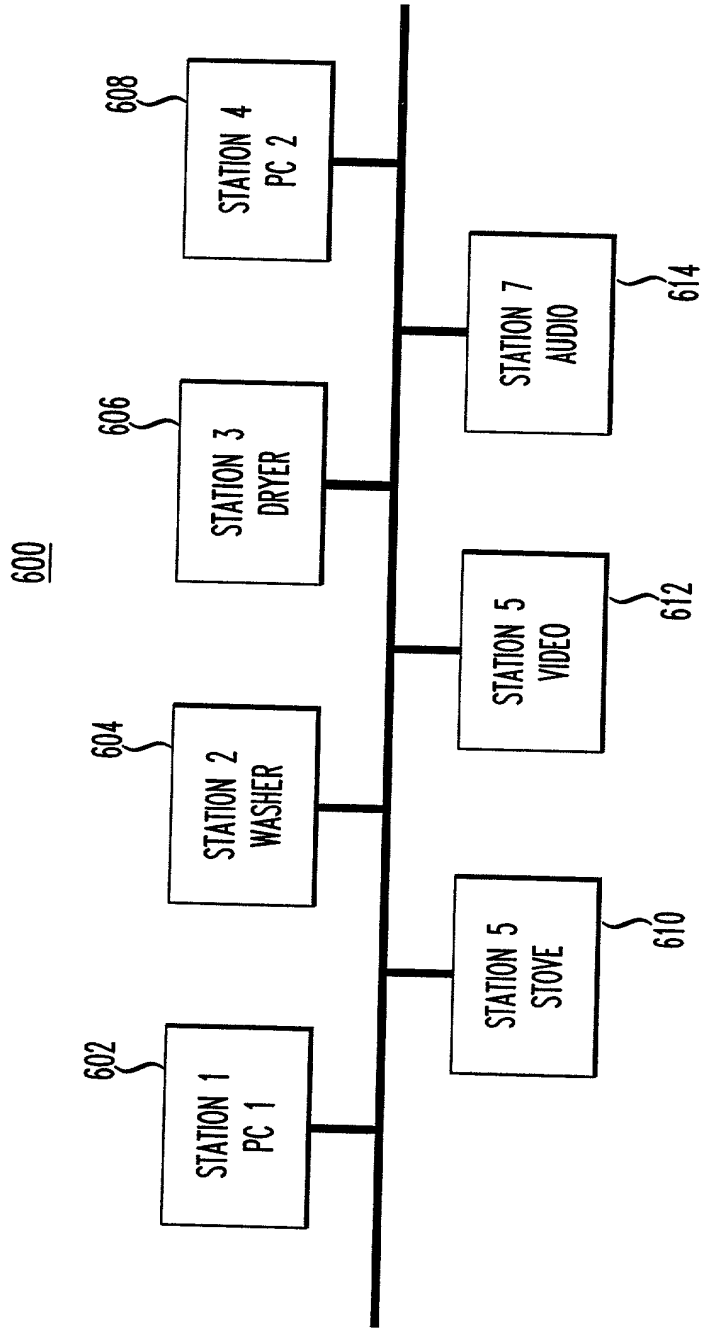
FIG. 8C

FIG. 8B

FIG. 8A



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*FIG. 9*  
(PRIOR ART)

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# SPECTRAL ALLOCATION OF EXISTING SERVICES SHARING THE PHONELINE MEDIA

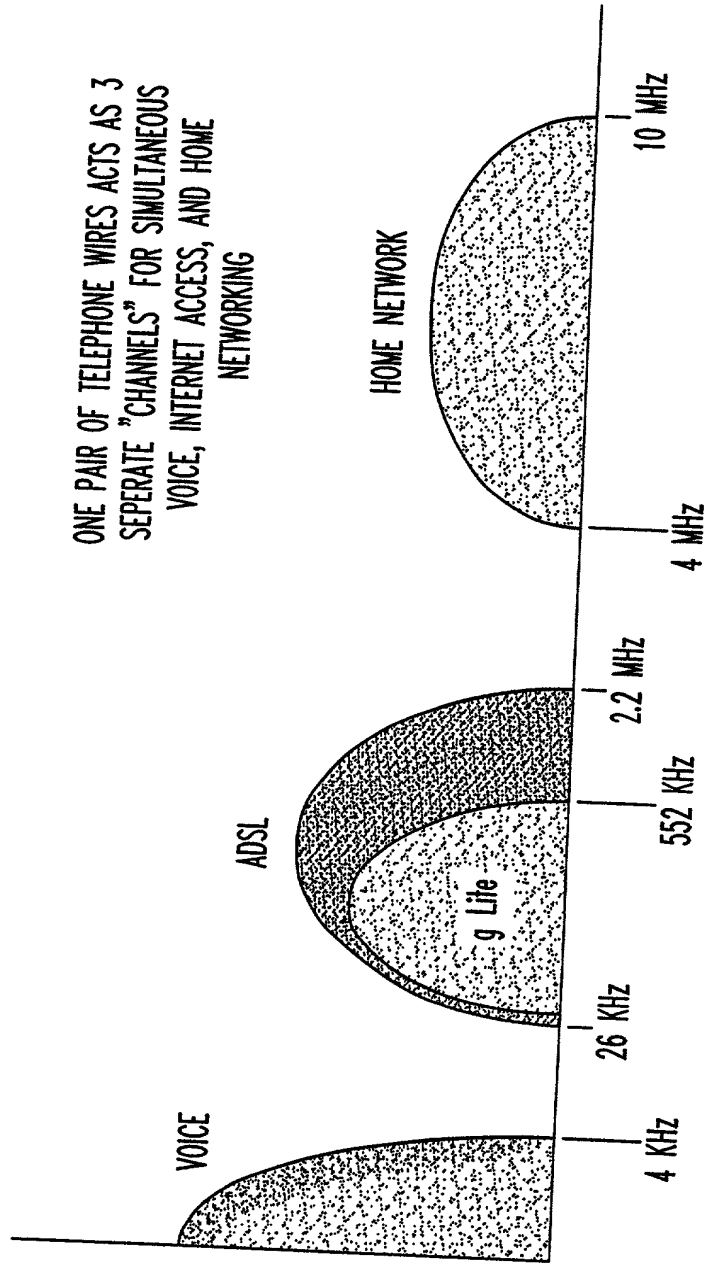


FIG. 10  
(PRIOR ART)

800

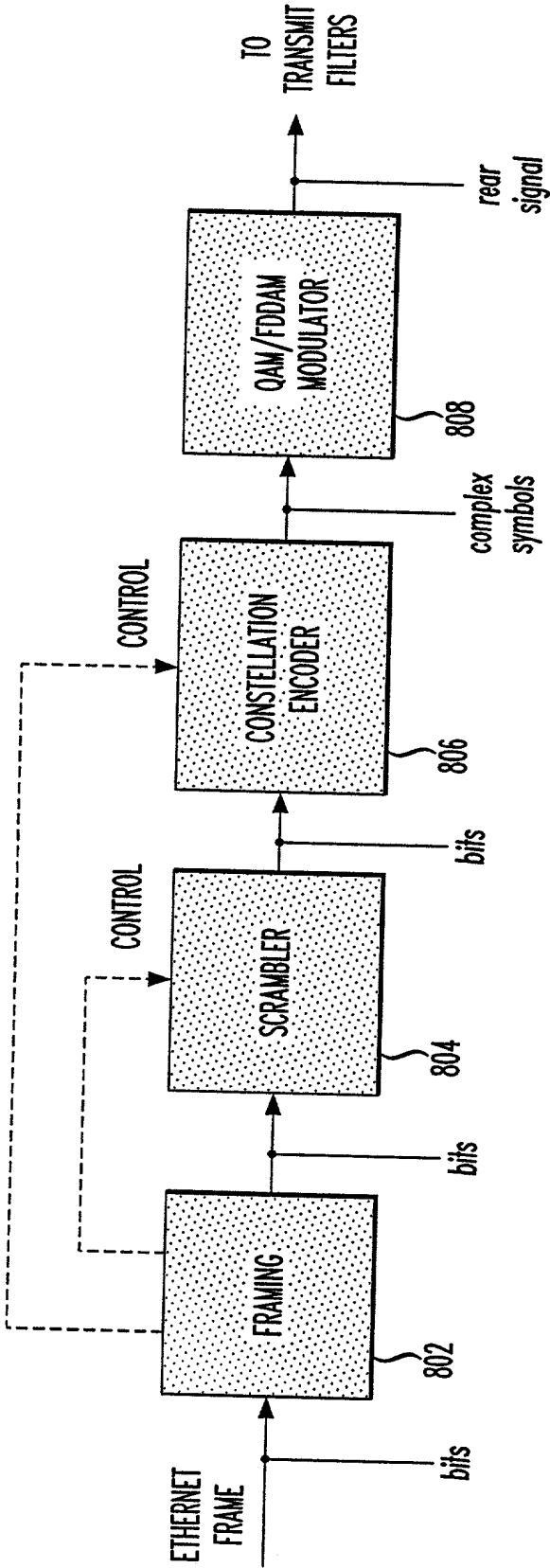


FIG. 11  
(PRIOR ART)

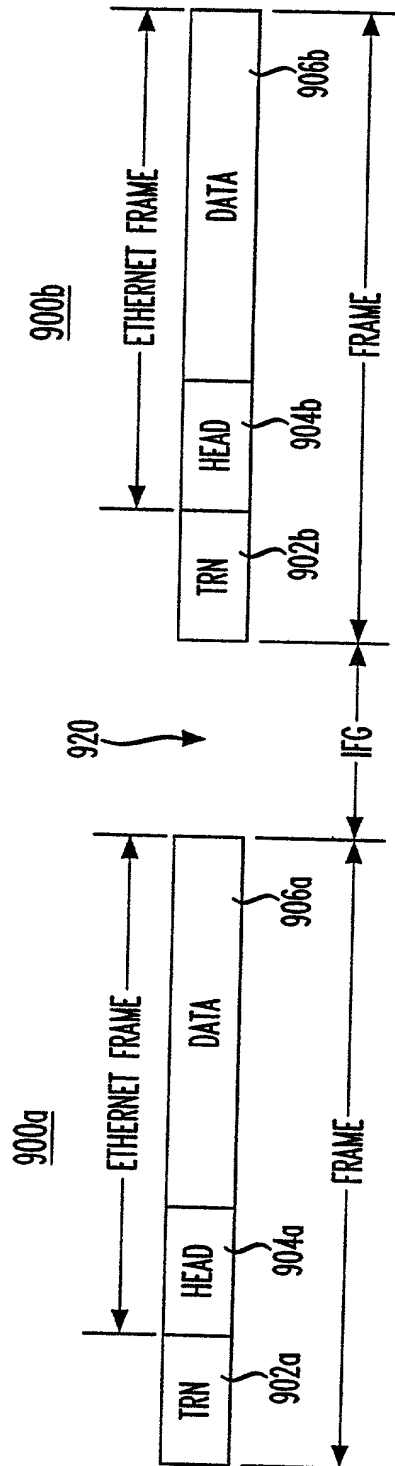


FIG. 12  
(PRIOR ART)

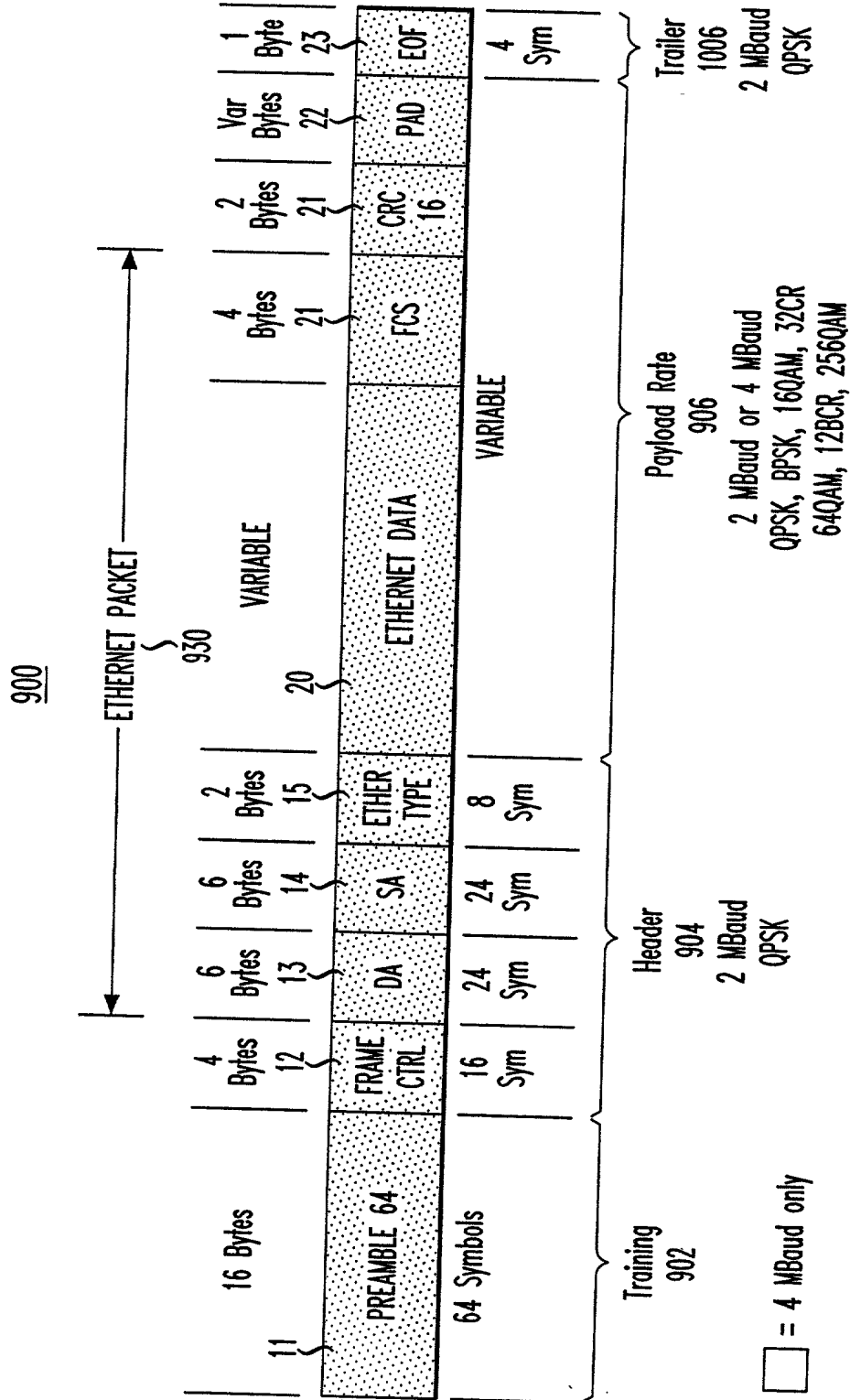


FIG. 13

FIELD	BIT NUMBER	BITS	DESCRIPTION
FT	31:24	8	Frame Type. This field shall be set to zero by the transmitter. The receiver shall decode this field and discard the frame if it's anything other than zero.
RSVD	23	1	Reserved. This field shall be set to zero by the transmitter, and the receiver shall ignore it.
PRI	22:20	3	Priority (0-7)
SI	19:16	4	Scrambler Initialization
PE	15:8	8	Payload Encoding
HCS	7:0	8	Header Check Sequence

FIG. 14